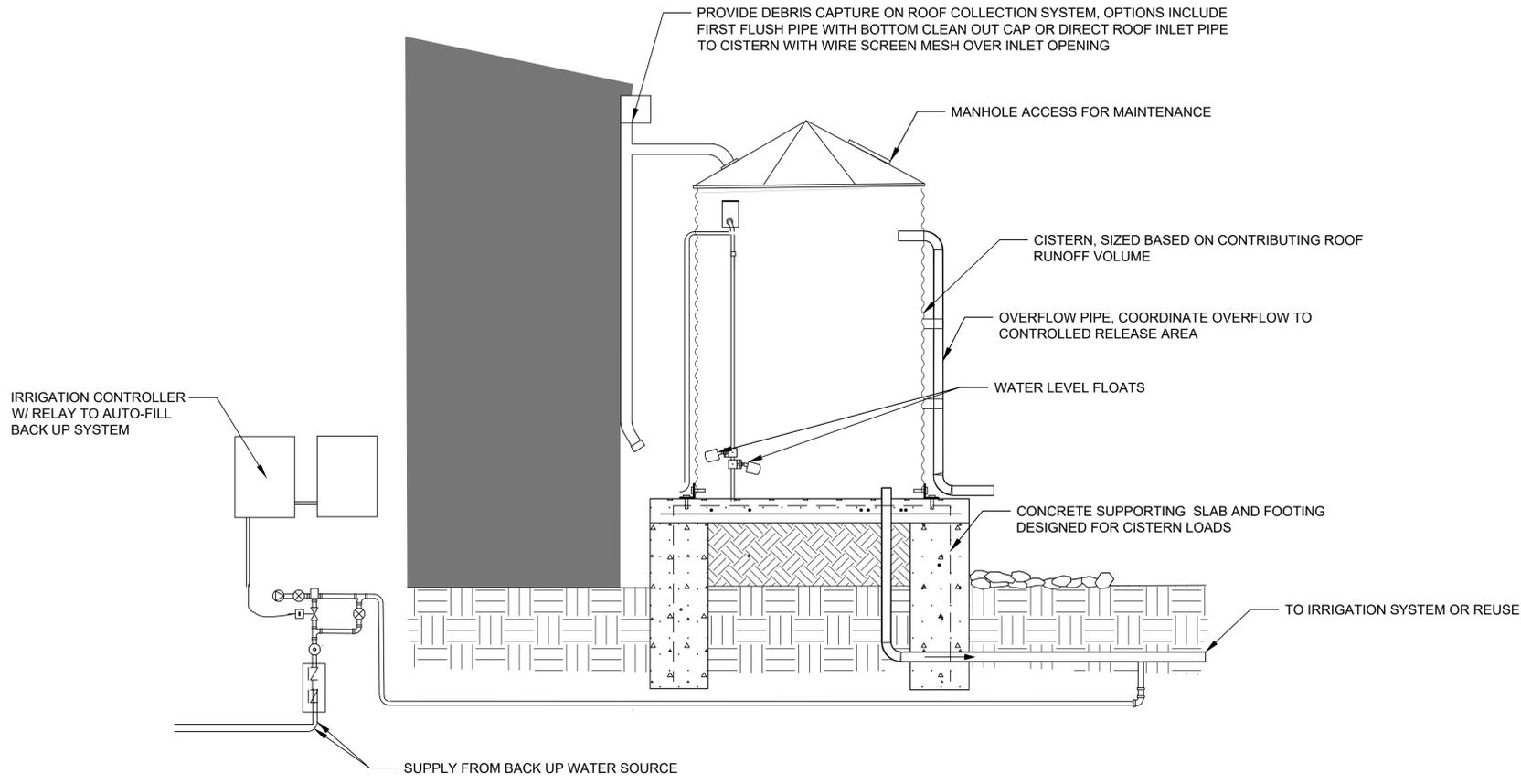
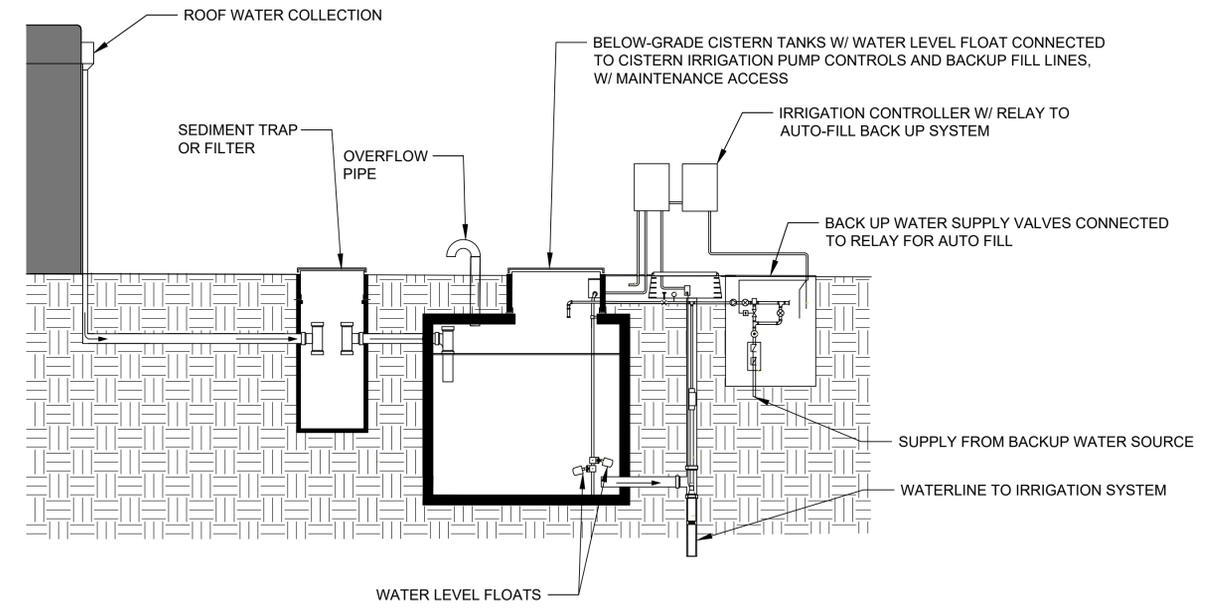


GENERAL NOTES:

- IF THIS SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.



VIEWL ABOVE GRADE - SECTION
C-XXXX
1' 6" 0 1' 2'
3/4"=1'-0"



VIEWL BELOW GRADE - SECTION
C-XXXX
4" 0 6" 1'
1 1/2"=1'-0"

NOTES FOR DESIGNER:

(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

DESIGN LIMITATIONS:

- ABOVE GROUND STORAGE SYSTEMS MAY BE SUSCEPTIBLE TO FREEZING AND CRACKING DURING WINTER MONTHS.

SITING CRITERIA:

- SITE CISTERNS TO UTILIZE GRAVITY-FED PRESSURE TO OPERATE.
- AVOID PLACING VEGETATION WITH INTRUSIVE ROOTS NEAR OR ON TOP OF BELOW-GRADE TANKS.
- AVOID PLACING CISTERNS ON THE NORTH SIDE OF BUILDINGS.

DESIGN CRITERIA:

- PREFABRICATED TANKS OF PLASTIC, METAL, OR CONCRETE SHOULD BE USED.
- THE INTERIOR OF THE STORAGE TANK SHOULD BE ACCESSIBLE FOR PERIODIC INSPECTION AND MAINTENANCE.

CONSTRUCTION CRITERIA:

- INSTALL PER MANUFACTURER SPECIFICATIONS.
- DISCHARGE OVERFLOW TO CONTROLLED RELEASE AREA.
- IDENTIFY APPROPRIATE MATERIALS AND HOLD POINTS FOR INSPECTION AND APPROVAL.
- PROVIDE ACCESS FOR MAINTENANCE.

		REVISIONS PER [DCF] [DRN] [FCR]							
NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
0				INITIAL ISSUE FOR [DCF-XYZ]					

ENGINEERING STANDARDS

CIVIL LOW IMPACT DEVELOPMENT CISTERN

DRAWN: R. FERRELL
DESIGN: T. LEMKE
CHECKED: S. RAEI
DATE: 02-10-20

TA-XX BLDG XXXX

SUBMITTED DISCIPLINE POC: JOHN O'BRIEN APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH

Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545

16 OF 16

D.C.: UNCLASSIFIED REVIEWER: DONALD YARDMAN DATE: PROJECT ID DRAWING NO: CHAPTER 3 ST-G20GEN-1.16 REV 0

00% REVIEW NOT FOR CONSTRUCTION